

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/737,318
Source: 1FWO
Date Processed by STIC: 4/25/05

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IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/737,318

DATE: 04/25/2005
TIME: 14:18:45

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5 Malandro, Marc S.
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230 gagcgggcag tggagatgtt ctgttattttt gaggcagggtt tggctgtt ggcggaggtc 1620
231 tgtaagggtt acatgggggg agcacggacg ctgcagaaga aatggacac gttcctgaaag 1680
232 gtcgggttgg tttttttttt tttttttttt aatggacac gttcctgaaag 1740
233 cacaccctgc gggggccctc ttggcacaac accacccctt tcgggggttt tcaagcgcga 1800
234 tggggcgata tggacactgtc tgcagttttt gaggtaaccgtt tggaaacagat ccagcaagtg 1860
235 ttttgggggtc cttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 1920
236 cccgttaccca gcccctggcc tgggtcggtt atcaacaactt ggcaccggaga caatggctac 1980
237 accagttcccccc tggaaactgtcc gggacaaacacc ctcaacttca tcaagaagca ccccccgtatg 2040
238 gaggaccagg tggaaactgtcc gttggggccgc cccctacttg tggaaacagat ccagcaagtg 2100
239 acacacgtgg tggccggacag ggtttttttt tttttttttt tttttttttt tttttttttt 2160
240 attgggtacag gagatggctg gttttttttt tttttttttt tttttttttt tttttttttt 2220
241 gtggaggaac tggaaactgtcc tggaaacacacc ctcaacttca tcaagaagca ccccccgtatg 2280
242 aagaagggtt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 2340
243 acaaaggtaa gttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 2400
244 gtcaacacca gcccgtgtgtt gggccaccacc agtggctgtt cgggggttcc tttttttttt 2460
245 catgtggcgaa acttggacac tttttttttt tttttttttt tttttttttt tttttttttt 2520
246 tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 2580
247 tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 2640
248 tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 2700
249 cgtcactctg gaccctatcg tttttttttt tttttttttt tttttttttt tttttttttt 2760
250 agtctacccctt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 2820
251 gaaaacctgg gggccggctcg tttttttttt tttttttttt tttttttttt tttttttttt 2880
252 ctgtctgtt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 2940
253 gcatctgaga ggacactgggtt tttttttttt tttttttttt tttttttttt tttttttttt 3000

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 04/25/2005
PATENT APPLICATION: US/10/737,318 TIME: 14:18:46

Input Set : E:\ASCII Sequence Listing for 52945-20028.00_v1.txt
Output Set: N:\CRF4\04252005\J737318.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 224,225,226,227,228,229,230,231,232,233,234,235,236,237,238
Seq#:4; N Pos. 239,240,241,242,243,244,245,246,247,248,249,250,251,252,253
Seq#:4; N Pos. 254,255,256,257,258,259,260,261,262,263,264,265,266,267,268
Seq#:4; N Pos. 269,270,271,272,273,274,275,276,277,278,279,280,281,282,283
Seq#:4; N Pos. 284,285,286,287,288,289,290,291,292,293,294,295,296
Seq#:13; N Pos. 1173,1174,1175,1176,1177,1178,1179,1180,1181,1182,1183,1184
Seq#:13; N Pos. 1185,1186,1187,1188,1189,1190,1191,1192,1193,1194,1195,1196
Seq#:13; N Pos. 1197,1198,1199,1200,1201,1202,1203,1204,1205,1206,1207,1208
Seq#:13; N Pos. 1209,1210,1211,1212,1213,1214,1215,1216,1217,1218,1219,1220
Seq#:13; N Pos. 1221,1222,1223,1224,1225,1226,1227,1228,1229,1230,1231,1232
Seq#:13; N Pos. 1233,1234,1235,1236,1237,1238,1239,1240,1241,1242,1243,1244
Seq#:13; N Pos. 1245,1246,1247,1248,1249,1250,1251,1252,1253,1254,1255,1256
Seq#:13; N Pos. 11449,11450,11451,11452,11453,11454,11455,11456,11457,11458
Seq#:13; N Pos. 11459,11460,11461,11462,11463,11464,11465,11466,11467,11468
Seq#:13; N Pos. 91318,91319,91320,91321,91322,91323,91324,91325,91326,91327
Seq#:13; N Pos. 91328,91329,91330,91331,91332,91333,91334,91335,91336,91337
Seq#:13; N Pos. 95920,95921,95922,95923,95924,95925,95926,95927,95928,95929
Seq#:13; N Pos. 95930,95931,95932,95933,95934,95935,95936,95937,95938,95939
Seq#:13; N Pos. 95940,95941,95942,95943,95944,95945,95946,95947,95948,95949
Seq#:13; N Pos. 95950,95951,95952,95953,95954,95955,95956,95957,95958,95959
Seq#:13; N Pos. 95960,95961,95962,95963,95964,95965,95966,95967,95968,95969
Seq#:13; N Pos. 95970,95971,95972,95973,95974,95975,95976,95977,95978,95979
Seq#:13; N Pos. 95980,95981,95982,95983,95984,95985,95986,95987,95988,95989
Seq#:13; N Pos. 95990,95991,95992,95993,95994,95995,95996,95997,95998,95999
Seq#:13; N Pos. 96000,96001,96002,96003,96004,96005,96006,96007,96008,96009
Seq#:13; N Pos. 96010,96011,96012,96013,96014,96015,96016,96017,96018,96019
Seq#:13; N Pos. 96020,96021,96022,96023,96024,96025,96026,96027,96028,96029
Seq#:13; N Pos. 96030,96031,96032,96033,96034,96035,96036,96037,96038,96039
Seq#:13; N Pos. 96040,96041,96042,96043,96044,96045,96046,96047,96048,96049
Seq#:13; N Pos. 96050,96051,96052,96053,96054,96055,96056,96057,96058,96059
Seq#:13; N Pos. 96060,96061,96062,96063,96064,96065,96066,96067,96068,96069
Seq#:13; N Pos. 96070,96071,96072,96073,96074,96075,96076,96077,96078,96079
Seq#:13; N Pos. 96080,96081,96082,96083,96084,96085,96086,96087,96088,96089
Seq#:13; N Pos. 96090,96091,96092,96093,96094,96095,96096,96097,96098,96099
Seq#:13; N Pos. 96100,96101,96102,96103,96104,96105,96106,96107,96108,96109
Seq#:13; N Pos. 96110,96111,96112,96113,96114,96115,96116,96117,96118,96119
Seq#:13; N Pos. 96120,96121,96122,96123,96124,96125,96126,96127,96128,96129
Seq#:13; N Pos. 96130,96131,96132,96133,96134,96135,96136,96137,96138,96139
Seq#:13; N Pos. 96140,96141,96142,96143,96144,96145,96146,96147,96148,96149
Seq#:13; N Pos. 96150,96151,96152,96153,96154,96155,96156,96157
Seq#:13; N Pos. 127699,127700,127701,127702,127703,127704,127705,127706
Seq#:13; N Pos. 127707,127708,127709,127710,127711,127712,127713,127714
Seq#:13; N Pos. 127715,127716,127717,127718,147048,147049,147050,147051
Seq#:13; N Pos. 147052,147053,147054,147055,147056,147057,147058,147059

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 04/25/2005
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Input Set : E:\ASCII Sequence Listing for 52945-20028.00_v1.txt
Output Set: N:\CRF4\04252005\J737318.raw

Seq#:13; N Pos. 147060,147061,147062,147063,147064,147065,147066,147067
Seq#:13; N Pos. 147068,147069,147070,147071,147072,147073,147074,147075
Seq#:13; N Pos. 147076,147077,147078,147079,147080,147081,147082,147083
Seq#:13; N Pos. 147084,147085,147086,147087,147088,147089,147090,147091
Seq#:13; N Pos. 147092,147093,147094,147095,147096,147097,147098,147099
Seq#:13; N Pos. 147100,147101,147102,147103,147104,147105,147106,147107
Seq#:13; N Pos. 147108,147109,147110,147111,147112,147113,147114,147115

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/737,318

DATE: 04/25/2005
TIME: 14:18:46

Input Set : E:\ASCII Sequence Listing for 52945-20028.00_v1.txt
Output Set: N:\CRF4\04252005\J737318.raw

L:402 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:180
M:341 Repeated in SeqNo=4
L:1290 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:1140
M:341 Repeated in SeqNo=13
L:6719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:63600
M:341 Repeated in SeqNo=16
L:10100 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:7740
M:341 Repeated in SeqNo=21
L:11850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:3360
M:341 Repeated in SeqNo=39
L:13729 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:3600
M:341 Repeated in SeqNo=47
L:18290 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:6900
M:341 Repeated in SeqNo=77
L:21537 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:83 after pos.:9780
M:341 Repeated in SeqNo=83